

UNPUBLISHED  
SURVEY & CONTROL  
REPORTS

Report #4

3400

May 7, 1962

INTERMOUNTAIN STATION  
Central Reference File

No. 34143-11 ✓

PROGRESS REPORT  
EUROPEAN PINE SHOOT MOTH SURVEYS  
OREGON AND WASHINGTON

by

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This is the fourth in a series of reports for the European pine shoot moth projects in Oregon and Washington. It covers the findings as of May 4.

### SHOOT MOTH COMMITTEE MEETING

The European pine shoot moth has now become established in native lodgepole pine stands in Shelton, Washington. It is deeply entrenched in the Seattle-Tacoma area and has been discovered in Bellingham and other northwest Washington areas.

The Northwest Forest Pest Action Council's Pine Shoot Moth Committee met with the Washington State Department of Natural Resources Supervisor, L. T. Webster, Committee Chairman, on May 2 to consider the problem. The Committee decided that eradication is not feasible in Shelton or Bellingham. Committee members decided that the zone of containment, formerly including only the Seattle-Tacoma area, should be enlarged to include all of western Washington north of Olympia. Efforts will be directed to control of the insect in the containment zone, and prevention of its spread beyond the zone. Homeowners within the containment zone will be encouraged to participate in a voluntary eradication and control program.

The Pine Shoot Moth Committee set fourth objectives for surveys and control of the European pine shoot moth.

1. Prevent the spread to commercial pine forests.
2. Fumigate nursery stock within the containment zone before shipment.
3. Eradicate all infested pines outside the containment zone.
4. Proceed with voluntary eradication of infested pines on private property within the zone of containment.

### SURVEY FINDINGS BY AREA

#### Portland, Oregon

After detection of two infested mugho pines at 2943 Southeast Brooklyn Ave., a resurvey of the area was begun. Two additional infested mugho pines were found at 3001 Southeast Brooklyn Ave., and three lodgepole pines and 11 mugho pines were found three blocks distant at 3016 Southeast Division. All of these pines were removed and burned.

So far, 1,080 man days have been required to check 73,755 trees on 123,383 individual properties.

#### Spokane, Washington

Surveys of residential and business properties in Spokane, Washington and surrounding communities began May 1. First priority is being given

Opportunity, Washington where the European pine shoot moth was found last year. Following this area newer housing developments in Dishman, Washington, Opportunity, Washington, and Spokane, Washington will be covered. Native pine stands adjacent to last year's infestations will again be sampled intensively to detect shoot moth damage.

The Spokane eradication survey is being made by the Washington Department of Natural Resources personnel. The project biologist is provided by the U. S. Forest Service.

A total of 108 man days were required to check 1,493 pines on 4,137 individual properties; no shoot moths were found. An additional 2,723 pines were inspected at nurseries with negative findings.

#### Shelton, Washington

The European pine shoot moth has definitely become established in native lodgepole pine stands within the Shelton city limits. This shoot moth infestation appears to be at least two years old. The shoot moth has also become strongly established in some ornamental plantings in Shelton.

Surveys of residential areas in Shelton were completed April 27.

#### Bellingham, Washington

The initial survey and the resurvey of the Bellingham area has been completed. No action has been taken to destroy infested trees, but voluntary eradication measures are being undertaken.

#### Mount Vernon, Washington

The 1962 survey was completed May 1. No new infestations of the European pine shoot moth were discovered.

#### Chehalis and Centralia, Washington

Surveys were completed in these two communities May 3 but no infested pines were found.

#### Olympia, Washington

Crews began the 1962 survey of southeast Olympia this week. So far no new infestations of the European pine shoot moth have been found.

### Nursery Inspections

One Forest Service crew and one Department of Natural Resources crew have been working with the Washington Department of Agriculture Nursery Inspector checking all commercial nurseries for infested pines. Another crew will be added next Monday in order that all nurseries can be checked before the shoot moth flight this year.

### Region-wide Survey

As soon as all commercial nurseries have been examined, Forest Service crews will begin the region-wide European pine shoot moth survey. Southwestern Washington will be given the first priority for survey coverage.